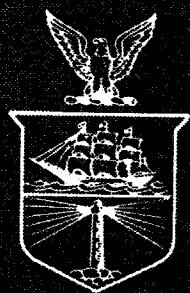


COMMERCIAL STANDARD CS137-51

Supersedes CS137-46

**SIZE MEASUREMENTS FOR MEN'S AND BOYS' SHORTS
(WOVEN FABRICS)**

A recorded
voluntary standard of the
trade published by
the U.S. Department
of Commerce



For sale by the Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. - Price 10 cents

Size Measurements for Men's and Boys' Shorts (Woven Fabrics)

(SECOND EDITION)

[Effective March 2, 1951]

1. PURPOSE

1.1 The purpose of this commercial standard is to provide standard methods of measuring and standard minimum measurements for men's shorts, and standard measurements and tolerances for boys' shorts (woven fabrics), in order to eliminate confusion resulting from a diversity of measurements, and to provide a uniform basis for guaranteeing full size.

2. SCOPE

2.1 This standard covers methods of measuring men's and boys' shorts made from woven fabrics. It includes standard measurements and tolerances for boys' boxer and regular type (panel-back) shorts; and standard minimum measurements for men's boxer shorts, and for men's panel-back and center-seam-back shorts. The standard also carries a recommended means of identification through labeling of these garments when produced in conformity with the standard.

3. APPLICATION

3.1 The methods and measurements given herein are applicable to finished garments as delivered by the manufacturer.

4. STANDARD METHODS OF MEASURING

4.1 *Methods of measuring.*—The garment to be measured is buttoned and laid out without tension (except as otherwise noted) on a smooth, flat surface so that creases and wrinkles will not affect the measurements. Measurements are taken to the nearest $\frac{1}{8}$ inch.

4.2 *Total length.*—Measured from top outside edge of waistband to lower edge of leg. (*A* to *B*, fig. 1.)

4.3 *Thigh.*—Measured from bottom of crotch across leg parallel to lower edge of leg to outside edge. (*C* to *D*, fig. 1.)

4.4 *Waist, around.*—Measured between outside edges of waistband. (Twice *A* to *E*, fig. 1.)

4.5 *Leg width.*—Measured across leg along lower edge. (*F* to *B*, fig. 1.)

4.6 *Front rise.*—Measured from bottom of crotch, including width of seam, up front of garment to middle of front edge of waistband. (*C* to *H*, fig. 1.)

4.7 *Back rise*.—Measured from bottom of crotch, not including width of seam, up back of garment to middle of back edge of waistband. (*C* to *J*, fig. 1.)

4.8 *Width across inseam*.—Measured from inside corner of one leg to other leg. Legs spread and inseam stretched taut in straight line. (*G* to *C*, to *F*, fig. 1.)

4.9 *Front opening*.¹—Measured from bottom of opening to top edge of waistband. (*K* to *H*, fig. 1.)

4.10 *Width across seat*.—Measured across back of garment at a point 2¼ inches above bottom of crotch (table 1) for boys' shorts, and 3 inches above bottom of crotch (tables 2, 3, and 4) for men's shorts. (*M* to *N*, fig. 1.)

5. STANDARD MEASUREMENTS

5.1 Standard body measurements for boys, and standard measurements and tolerances for boys' boxer and regular type (panel-back) woven shorts, based on these body measurements, are shown in table 1.

5.2 Standard minimum measurements for men's panel-back shorts, center-seam-back shorts, and boxer shorts are given in tables 2, 3, and 4.

TABLE 1. *Shorts, boys'*—standard body measurements,¹ and standard garment measurements

Size numbers.....	Boys' body measurements						
	6	8	10	12	14	16	
Height.....in.	46	50	54	58	61	64	
Weight.....lb.	49	59	73	87	100	115	
Waist.....in.	22½	23½	24½	25½	26½	27½	
Location	Garment measurements (woven shorts)						Tolerances
	in.	in.	in.	in.	in.	in.	
Total length.....	10¾	11½	12¼	13	13¾	14½	±½
Thigh.....	10¾	10¾	11¼	11¾	12¼	12¾	±½
Waist:							
a. Elastic all around.....	18	18¾	19½	20¼	21	21¾	±½
b. Elastic at sides or back.....	20	21	22	23	24	25	±½
Leg width.....	9	9½	10	10½	11	11½	±½
Front rise.....	9	9½	10	10¾	11½	12¼	±½
Back rise.....	14½	15	15½	16¼	17	17¾	±½
Width across seat.....	16	17	18	19	20	21	±½
Width across inseam.....	6½	7	7½	8	8½	9	±½

¹ Commercial Standard 155-50, Body Measurements for the Sizing of Boys' Apparel.

² The total amount of elastic showing in finished garment at rest shall be not less than 6 inches for each size.

³ Given as a guide only, not as a standard.

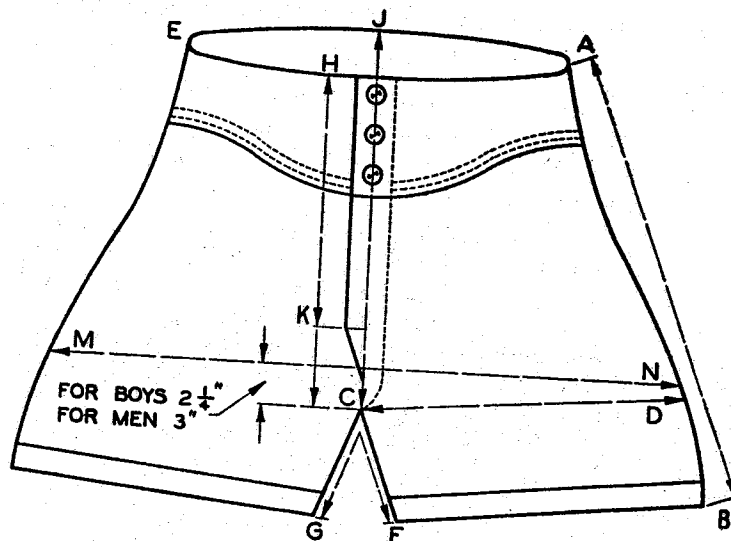


FIGURE 1. *Shorts.*

TABLE 2. *Shorts, men's panel-back—standard minimum measurements*
(U. I. Wov-M1)

Location	Size											
	28	30	32	34	36	38	40	42	44	46	48	50
Total length.....	<i>in.</i> 16	<i>in.</i> 16 1/2	<i>in.</i> 16 1/2	<i>in.</i> 17	<i>in.</i> 17	<i>in.</i> 17 1/2	<i>in.</i> 17 1/2	<i>in.</i> 18	<i>in.</i> 18	<i>in.</i> 18 1/2	<i>in.</i> 18 1/2	<i>in.</i> 19
Thigh.....	13 3/4	14 1/4	14 1/4	15 1/4	15 3/4	16 1/4	16 3/4	17 1/4	17 3/4	18 1/4	18 3/4	19 1/4
Waist:												
a. Elastic all around.....	24	26	28	30	32	34	36	38	40	42	44	46
b. Elastic at sides or back ¹	26	28	30	32	34	36	38	40	42	44	46	48
c. Strap at back ²	28 1/2	30 1/2	32 1/2	34 1/2	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2
d. Strap at sides.....	28 1/2	30 1/2	32 1/2	34 1/2	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2
e. Tie strings at sides ³	28 1/2	30 1/2	32 1/2	34 1/2	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2
Leg width.....	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	15 1/2	16	16 1/2	17
Front rise.....	12 1/4	12 3/4	13 1/4	13 3/4	14 1/4	14 3/4	15 1/4	15 3/4	16 1/4	16 3/4	17 1/4	17 3/4
Back rise.....	18	18 1/2	18 3/4	19	19 1/2	20	20 1/2	21	21 1/2	22	22 1/2	23
Width across inseam.....	11	11	11	11	11	11	11	11	11	11	11	11
Width across seat.....	21	22	23	24	25	26	27	28	29	30	31	32
Front opening ⁴	9 1/4	9 3/4	9 3/4	10 1/4	10 3/4	10 3/4	10 3/4	11 1/4	11 3/4	11 3/4	11 3/4	12 1/4

- ¹ The total amount of elastic showing in finished garment at rest shall be not less than 6 inches for each size.
² Straps shall be so buttoned that all buttonholes on straps are filled with buttons.
³ Ties shall be entirely loosened.
⁴ Given as a guide only, not as a standard.

TABLE 3. Shorts, men's center-seam-back—standard minimum measurements
(U. I. Wov-M2)

Location	Size											
	28	30	32	34	36	38	40	42	44	46	48	50
Total length.....	<i>in.</i> 16	<i>in.</i> 16½	<i>in.</i> 16½	<i>in.</i> 16½	<i>in.</i> 17	<i>in.</i> 17½	<i>in.</i> 17½	<i>in.</i> 17½	<i>in.</i> 18	<i>in.</i> 18½	<i>in.</i> 18½	<i>in.</i> 18½
Thigh.....	13¼	13¼	14¼	14¼	15¼	15¼	16¼	16¼	17¼	17¼	18¼	18¼
Waist:												
a. Elastic all around.....	24	26	28	30	32	34	36	38	40	42	44	46
b. Elastic at sides or back ¹	26	28	30	32	34	36	38	40	42	44	46	48
c. Strap at back ²	28½	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½
d. Strap at sides.....	28½	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½
e. Tie strings at sides ³	28½	30½	32½	34½	36½	38½	40½	42½	44½	46½	48½	50½
Leg width.....	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17
Front rise.....	11¼	11¼	12¼	12¼	13¼	13¼	14¼	14¼	15¼	15¼	16¼	16¼
Back rise.....	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½
Width across inseam.....	11	11	11	11	11	11	11	11	11	11	11	11
Width across seat.....	20	21	22	23	24	25	26	27	28	29	30	31
Front opening ⁴	9¼	9¼	9¼	10	10¼	10¼	10¼	11	11¼	11¼	11¼	12

- ¹ The total amount of elastic showing in finished garment at rest shall be not less than 6 inches for each size.
² Straps shall be so buttoned that all buttonholes on straps are filled with buttons.
³ Ties shall be entirely loosened.
⁴ Given as a guide only, not as a standard.

TABLE 4. Shorts, men's boxer—standard minimum measurements

Location	Size											
	28	30	32	34	36	38	40	42	44	46	48	50
Total length.....	<i>in.</i> 16	<i>in.</i> 16½	<i>in.</i> 16½	<i>in.</i> 17	<i>in.</i> 17	<i>in.</i> 17½	<i>in.</i> 17½	<i>in.</i> 18	<i>in.</i> 18	<i>in.</i> 18½	<i>in.</i> 18½	<i>in.</i> 19
Thigh.....	13¼	14¼	14¼	15¼	15¼	16¼	16¼	17¼	17¼	18¼	18¼	19¼
Waist, elastic all around.....	24	26	28	30	32	34	36	38	40	42	44	46
Leg width.....	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17
Front rise.....	12½	13	13	13½	13½	14	14	14½	14½	15	15½	16
Back rise.....	18	18½	18½	19	19	20	20	21	21	22	22	23
Width across inseam.....	11	11	11	11	11	11	11	11	11	11	11	11
Width across seat.....	21	22	23	24	25	26	27	28	29	30	31	32
Front opening ¹	9¼	9¼	9¼	10¼	10¼	10¼	10¼	11¼	11¼	11¼	11¼	12¼

- ¹ Given as a guide only, not as a standard.

6. IDENTIFICATION

6.1 In order to assure the consumer that he is receiving garments which comply with standard minimum measurements, it is recommended that men's and boys' shorts manufactured to conform to such standard measurements be identified by a sticker, tag, or other label attached to the garment carrying the following statement:

This garment has been made to measurements which (with proper allowance for shrinkage) are in accordance with Commercial Standard CS137-51, as developed by industry and the trade, under the procedure of the Commodity Standards Division, and issued by the U. S. Department of Commerce.

Or, more briefly—

Size (with proper allowance for shrinkage) conforms to CS137-51, as developed by industry and the trade and issued by the U. S. Department of Commerce.

7. EFFECTIVE DATE

7.1 Having been passed through the regular procedure of the Commodity Standards Division, and approved by the acceptors hereinafter listed, this commercial standard was issued by the United States Department of Commerce, effective from March 2, 1951.

HISTORY OF PROJECT

In the latter part of 1933 and early in 1934, the Underwear Institute adopted the report of C. H. Hamlin, its research associate at the National Bureau of Standards, covering size measurements for men's and boys' shorts made from woven fabrics. For purposes of expediency in connection with the Code of Fair Competition of the Underwear and Allied Products Manufacturing Industry, these data were suspended until September 5, 1935. Later they were made available in "Standard Sizes of Knit Underwear" issued by the Underwear Institute.

On November 27, 1942, the Office of Price Administration requested the cooperation of the National Bureau of Standards in the establishment of a commercial standard for men's and boys' shorts made from woven fabrics.

In order to determine the current status of the measurements included in "Standard Sizes of Knit Underwear," the Underwear Institute, in cooperation with the Division of Trade Standards (now Commodity Standards Division) checked with representative members of the industry. The comment received indicated that the industry as a whole was still favorable to the measurements covered in Mr. Hamlin's report of 1933 and 1934.

Accordingly, agreeable to the request of the Underwear Institute a proposed commercial standard on size measurements for men's and boys' shorts (woven fabrics) was developed and copies sent to representatives of all concerned, including manufacturers, distributors, and consumers, for additional comment and recommendations. In the light of comment received, and with the unqualified endorsement of a number of interested organizations, no public hearing was believed necessary.

The recommended commercial standard on size measurements for men's and boys' shorts (woven fabrics) was submitted to the entire trade for written acceptance on March 22, 1946. Having received acceptances in writing estimated to represent a satisfactory majority, announcement was issued on October 30, 1946, that the standard, designated CS137-46, would become effective for new production from December 30, 1946.

First Revision

On March 17, 1949, the Underwear Institute requested that the standard be revised to include men's and boys' boxer shorts. The standing committee endorsed the proposal, which was circulated to manufacturers, distributors, and consumers for written acceptance.

The completion of the revision was announced on January 2, 1951, and Commercial Standard 137-51 (second edition) became effective for new production from March 2, 1951.

Project Manager: L. R. Gilbert, Commodity Standards Division, Office of Industry and Commerce.

Technical Adviser: R. S. Cleveland, Organic and Fibrous Materials Division, National Bureau of Standards.

STANDING COMMITTEE

The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Each organization nominated its own representative. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Industry and Commerce, United States Department of Commerce, which acts as secretary for the committee.

ROY A. CHENEY, Underwear Institute, 2 Park Avenue, New York, N. Y. (chairman).

P. HUBERT HANES, P. H. Hanes Knitting Co., Winston-Salem, N. C.

B. ALLEN MAGEE, The B. V. D. Co., Empire State Building, New York, N. Y.

SOL LEVY, Hansley Mills, Barnesville, Ohio.

T. L. BLANKE, National Retail Dry Goods Association, 100 West Thirty-first Street, New York, N. Y.

LEE K. POND, 1061 West Thirty-fifth Street, Chicago 9, Ill. (representing Mail Order Association of America).

GEORGE BLOUNT, Woodward & Lothrop, Eleventh & F Streets NW., Washington, D. C.

PRESTON B. BERGIN, American Retail Federation, 1627 K Street NW., Washington, D. C.

MRS. MARGARET H. KINGSBURY, U. S. Department of the Interior, Washington, D. C.

MRS. CHARLOTTE PAYNE, National Council of Women of the United States, 501 Madison Avenue, New York, N. Y.

MRS. E. H. DANIEL, Broad Branch and Grant Roads NW., Washington, D. C. (representing General Federation of Women's Clubs).

MRS. CLARA THROPP, Professional Woman's League, Inc., 417 East Eighty-fifth Street, New York, N. Y.

ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date _____

Commodity Standards Division,
Office of Industry and Commerce,
U. S. Department of Commerce,
Washington 25, D. C.

Gentlemen:

We believe that the Commercial Standard 137-51 constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production¹ distribution¹ purchase¹ testing¹
of men's and boys' shorts (made from woven fabrics).

We reserve the right to depart from it as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer _____
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer _____

Organization _____
(Fill in exactly as it should be listed)

Street address _____

City, zone, and State _____

¹ Underscore which one. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade associations, trade papers, etc., desiring to record their general support, the words "General Support" should be added after the signature.

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices and the like.
2. *The acceptor's responsibility.*—The purpose of commercial standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the commercial standard, where practicable, in the production, distribution, or consumption of the article in question.
3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of commercial standards on a Nation-wide basis is fourfold: first, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.
4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

ACCEPTORS

The organizations and individuals listed below have individually accepted this standard for use as far as practicable in the production, distribution, purchase, or testing of men's and boys' shorts. In accepting the standard they reserved the right to depart therefrom as they individually deem advisable. It is expected that articles which actually comply with the requirements of this standard in all respects will be regularly identified or labeled as conforming thereto, and that purchasers will require such specific evidence of conformity.

ASSOCIATIONS

(General Support)

General Federation of Women's Clubs, Washington, D. C.
Mail Order Association of America, Chicago, Ill.
National Association of Retail Clothiers & Furnishers, Washington, D. C.
National Council of Women of the U. S., Inc., New York, N. Y.

FIRMS AND OTHER INTERESTS

Ainsbrooke, Inc., Dothan, Ala.
Allee Manufacturing Co., Fort Worth, Tex.
Allied Purchasing Corp., New York, N. Y.
American Manufacturing Corp., Inc., New Orleans, La.
Arkwright, Inc., New York, N. Y.
Askin Bros. Co., Inc., Baltimore, Md.
Atlas Underwear Co., The, Richmond, Ind.
Avery, Thomas W., Clifton, N. J.
B. V. D. Co., Inc., Baltimore, Md.
B. V. D. Co., Inc., New York, N. Y.
Ball & Giles, Inc., Troy, N. Y.
Ball Stores, Inc., Muncie, Ind.
Bartel, Adam H., Co., Richmond, Ind.
Bean, C. W., & Son, Pacolet, S. C.
Beltex Manufacturing Co., New York, N. Y.
Berkey Co., Philadelphia, Pa.
Biltmore Sport Co., New York, N. Y.
Bisom Co., Inc., New York, N. Y.
Bittner-Hunsicker & Co., Allentown, Pa.
Block, William H., Co., The, Indianapolis, Ind.
Brager-Eisenberg, Inc., Baltimore, Md.
Brown Durrell Co., Cambridge, Mass.
Bry Block Mercantile Corp., Memphis, Tenn.
Burney, H. S., & Co., Schenectady, N. Y.
Bush & Bull Corp., Bethlehem, Pa.
Butler Bros., Chicago, Ill.
Carolina Underwear Co., Inc., Thomasville, N. C.
Coopers, Inc., Kenosha, Wis.
Coppin, John R., Co., Inc., Covington, Ky.
Creery Shirt Shop, Inc., Richmond, Va.
Croyden Shirt Co., Inc., New York, N. Y.
Dannenberg Co., The, Macon, Ga.
Derby Underwear Co., Bowling Green, Ky.
Desmond's, Los Angeles, Calif.
Diamond Department Store, The, Charleston, W. Va.
District of Columbia, Government of the, Washington, D. C.
Eagle, S., & Sons, Selma, Ala.
Earl Shirt Corp., The, New York, N. Y.
Elder Manufacturing Co., St. Louis, Mo.
Elkins 5-10-25¢ Stores, Yoakum, Tex.
Emery Bird Thayer Co., Kansas City, Mo.
Erlanger Dry Goods Co., Canton, Ohio.
Fair, The, Chicago, Ill.
Fandel Co., St. Cloud, Minn.
Fuller Shirt Co., Inc., The, Kingston, N. Y.
Fuller Uniform Co., Dallas, Tex.
Garfinckel, Julius, & Co., Washington, D. C.
Gertz, B., Inc., Jamaica, N. Y.
Good Housekeeping Institute, New York, N. Y.
Goodenow Textiles Co., Kansas City, Mo.
Grace Manufacturing Co., Philadelphia, Pa.
Grant, Gail G., Co., Painesville, Ohio.
Grosner of Washington, Washington, D. C.
Halle Bros. Co., The, Cleveland, Ohio.
Hanes, P. H., Knitting Co., Winston-Salem, N. C.
Hansley Mills, Inc., Paris, Ky.
Harvard Cooperative Society, Cambridge, Mass.
Harwood Manufacturing Corp., New York, N. Y.
Hatch Textile Research, New York, N. Y.
Hecht Co., The, Washington, D. C.
Henderson & Ervin, Charlottesville, Va.
Hengerer, William, Co., Buffalo, N. Y.
Higginbotham-Bailey Co., Dallas, Tex.
Hills, McLean & Haskins, Inc., Binghamton, N. Y.
Howland Dry Goods Co., The, Bridgeport, Conn.
Hunter Bros. Co., Inc., Statesville, N. C.
Industrial By-Products & Research Co., Philadelphia, Pa.
Interstate Department Stores, New York, N. Y.
Ives Upham & Rand Co., The, Meriden, Conn.
Johnston & Larimer, Inc., Wichita, Kans.
Kann, S., Sons Co., Washington, D. C.
Kaynee Co., The, Cleveland, Ohio.
Klein-Norton Co., Los Angeles, Calif.
Knothe Bros. Co., Inc., New York, N. Y.
Krupa, John, Jr., Little Falls, N. Y.
Kugelman's, Woodsville, N. H.
Laubach, William, & Sons Department Store, Easton, Pa.
Lincoln Stores, Inc., Quincy, Mass.
Lipman, Wolfe & Co., Portland, Ore.
Lit Bros., Philadelphia, Pa.
Luxuray, Inc., New York, N. Y.
Mabley & Carew Co., Cincinnati, Ohio.
Macy, B. H., & Co., Inc., New York, N. Y.
Malley, Edward Co., The, New Haven, Conn.
Manhattan Shirt Co., The, Paterson, N. J.
Mansmann, Albert J., Co., Pittsburgh, Pa.
Marston Co., The, San Diego, Calif.
Massachusetts State Prison Industries Office, Charlestown, Mass.
Massachusetts, University of, University Store, Amherst, Mass.
May Co., The, Denver, Colo.
McCreery, James, & Co., New York, N. Y.
Merkel Co., The, Atlantic City, N. J.
Miller & Peck Co., Waterbury, Conn.
Minnesota, University of, School of Home Economics, St. Paul, Minn.
Missouri, University of, Columbia, Mo.
Munsingwear, Inc., Minneapolis, Minn.
Murphy, G. O., Co., McKeesport, Pa.
Muzzy Bros. Co., Inc., The, Bristol, Conn.
Myers Bros., Springfield, Ill.
Myrna Mills, Inc., Mineral, Va.
Namm's, Inc., Brooklyn, N. Y.
Nantex Manufacturing Co., Inc., New York, N. Y.
Natelson, M., Inc., New York, N. Y.
New Jersey, Department Institutions and Agencies, Trenton, N. J.
New Yorker Manufacturing Co., New York, N. Y.
Nirenberg, M., & Sons, Inc., New York, N. Y.
Outlet Co., Providence, R. I.
Phoenix Mills, New York, N. Y.
Pioneer Manufacturing Co., Wilkes-Barre, Pa.
Pomeroy's, Inc., Reading, Pa.
Prior, George W., Co., Denver, Colo.
Raleigh Haberdasher, Washington, D. C.
Reis, Robert, & Co., New York, N. Y.
Rhodes Bros., Tacoma, Wash.
Rice-Stir, Inc., St. Louis, Mo.
Riverside Shirt & Underwear Corp., New York, N. Y.
Rivoli Mills, Chattanooga, Tenn.
Robinson Manufacturing Co., Inc., Dayton, Tenn.
Royal Manufacturing Co., Inc., Allentown, Pa.
S. Q. R. Store, The, Anaheim, Calif.

Saluda Corp., New York, N. Y.
 Sceva Speare Co., The, Haverhill, Mass.
 Schear's Department Store, Evansville, Ind.
 Schudson, Charles, Inc., Milwaukee, Wis.
 Schwartz Department Store, Anaconda, Mont.
 Seegull Manufacturing Co., Philadelphia, Pa.
 Sheffield Undergarment Corp., New York, N. Y.
 Slumberland Nightwear Co., New York, N. Y.
 Smith, Timothy, Co., Boston, Mass.
 Standard's Knitting Mills, Inc., Knoxville, Tenn.
 Stearns, R. H., Co., Boston, Mass.
 Sterling Stores Co., Inc., Little Rock, Ark.
 Stockton Dry Goods Co., Stockton, Calif.
 Stone Manufacturing Co., Greenville, S. C.
 Strawbridge & Clothier, Philadelphia, Pa.
 Superior Co., Inc., Piqua, Ohio; New York, N. Y.
 Textile Testing & Research Laboratories, New York, N. Y.
 Topkis Bros. Co., Wilmington, Del.
 Trichon, Morris, Co., Philadelphia, Pa.
 Tyson Shirt Co., Norristown, Pa.
 Union Co., The, Columbus, Ohio.
 Union Underwear Co., Inc., New York, N. Y.
 Utica Knitting Co., Utica, N. Y.

Varsity Pajamas, New York, N. Y.
 Varynit, New York, N. Y.
 Wasson, H. P., & Co., Indianapolis, Ind.
 Wickbury, Ltd., Baldwin, L. I., N. Y.
 Wilderman's Boys Shop, Tampa, Fla.
 Wiley Dry Goods Co., The, Hutchinson, Kans.
 Wilson Bros., Chicago, Ill.
 Wise Smith Co., Inc., Hartford, Conn.
 Wolf & Dessauer, Fort Wayne, Ind.
 Woodward & Lothrop, Washington, D. C.
 Wright-Metzler Co., Uniontown, Pa.
 Younker-Davidson's, Sioux City, Iowa.
 Ziesel Bros. Co., Elkhart, Ind.

UNITED STATES GOVERNMENT

Agriculture, U. S. Department of, Division of Purchase, Sales and Traffic, Washington, D. C.
 Army, Department of the, Office of Assistant Chief of Staff, Standards Branch, Washington, D. C.
 National Production Authority, U. S. Department of Commerce, Washington, D. C.
 Interior, U. S. Department of, Bureau of Indian Affairs, Washington, D. C.